

Converting Colors

$Y_{xy}(25.0388, 0.3497, 0.3198)$

Have a look what the booklet for
Yxy(25.0388, 0.3497, 0.3198)
contains.

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Color

Yxy(25.0521, 0.3489, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	A48086
RGB	164, 128, 134
RGB Percent	64%, 50%, 53%
CMY	0.3569, 0.4980, 0.4745
CMYK	0.00, 0.22, 0.18, 0.36
HSL	350°, 17%, 57%
HSV	350°, 22%, 64%
XYZ	27.3317, 25.0521, 25.9530
YIQ	139.4480, 19.5300, 9.4980

Conversions

Conversions Part 2

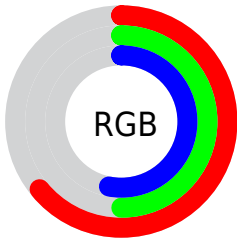
Format	Color
R_{YB}	164, 128, 134
Decimal	10780806
CIE _{Lab}	57.13, 14.83, 2.07
CIE _{LCh}	57, 14.970, 7.966
Yxy	25.0521, 0.3489, 0.3198
Android (android.graphics.Color)	4288970886 (0xFFA48086)
YUV	139.4480, -2.6859, 21.5321
Hunter-Lab	50.0521, 9.8815, 4.2934

Details

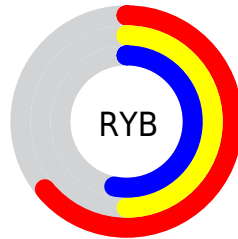
The Yxy color $25.0521, 0.3489, 0.3198$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.6067, 0.2855, 0.3385$, and the grayscale version is $26.0061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6957, 0.3408, 0.3221$, and $9.6768, 0.3641, 0.3180$ is the 20% darker color. If you saturate the color by 10%, you get $20.7581, 0.3717, 0.3153$, and if you desaturate by 10%, it is $30.0891, 0.3303, 0.3241$.

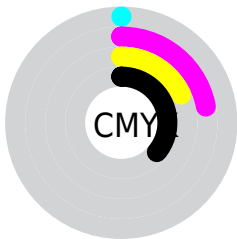
Distribution



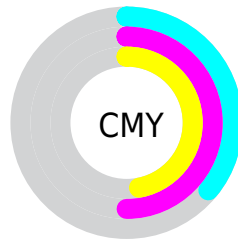
- Red (64%)
- Green (50%)
- Blue (53%)



- Red (64%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0521, 0.3489, 0.3198 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.0521, 0.3489, 0.3198 by changing the saturation by 10% instead.


 25.0521, 0.3489,
0.3198


 25.0521, 0.3489,
0.3198


278.0973, 0.3289,
0.3250

 16.1159, 0.3547,
0.3182


 51.7417, 0.3411,
0.3219

 9.6062, 0.3626,
0.3161


 70.2639, 0.3383,
0.3226

 5.1386, 0.3743,
0.3128

 92.7502, 0.3360,
0.3232

 2.3288, 0.3930,
0.3074

119.5851, 0.3341,
0.3237

 0.7889, 0.4317,
0.2983

151.1528, 0.3325,
0.3241

 0.0000, 1.0000,
0.0000

187.8378, 0.3311,

 0.0000, 0.0000,

0.3244

0.0000

230.0245, 0.3299,
0.3247

■ 25.0521, 0.3489,
0.3198

■ 25.0521, 0.3489,
0.3198

■ 20.7581, 0.3717,
0.3153

■ 30.0891, 0.3303,
0.3241

■ 17.1685, 0.3996,
0.3110

■ 35.8984, 0.3153,
0.3282

■ 14.2468, 0.4328,
0.3073

■ 42.5119, 0.3031,
0.3320

■ 11.9514, 0.4710,
0.3047

■ 49.9586, 0.2932,
0.3355

■ 10.2363, 0.5126,
0.3040

■ 58.2661, 0.2851,
0.3386

■ 9.0490, 0.5541,
0.3060

■ 67.4608, 0.2785,
0.3415

■ 8.3275, 0.5905,
0.3110

■ 77.5679, 0.2730,
0.3441

■ 7.9727, 0.6139,
0.3156

■ 85.9019, 0.2678,
0.3419

■ 86.6319, 0.2624,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.0521, 0.3255, 0.3010



25.0521, 0.3489, 0.3198



25.0521, 0.3624, 0.3415

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.0521, 0.3489, 0.3198



25.0521, 0.3244, 0.3731



25.0521, 0.2657, 0.2950

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.0521, 0.3489, 0.3198



33.6067, 0.2855, 0.3385

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.0521, 0.2655, 0.3132



25.0521, 0.3489, 0.3198



25.0521, 0.2987, 0.3597

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.0521, 0.3489, 0.3198



25.0521, 0.3477, 0.3731



25.0521, 0.2773, 0.3372



25.0521, 0.2778, 0.2866

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.0521, 0.3489, 0.3198



25.0521, 0.3637, 0.3551



25.0521, 0.2773, 0.3372



25.0521, 0.2642, 0.3001

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.0532, 0.3489, 0.3198



59.5184, 0.3227, 0.3262



25.3280, 0.3079, 0.2746



12.8866, 0.3235, 0.3259



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.0532, 0.3489, 0.3198



41.7734, 0.3587, 0.3178



28.0324, 0.3524, 0.3467



7.1044, 0.3260, 0.3253



6.1186, 0.6119, 0.3145



0.1337, 0.5322, 0.2705

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.0532, 0.3489, 0.3198



41.7734, 0.3587, 0.3178



29.9208, 0.2796, 0.3106



7.1044, 0.3260, 0.3253



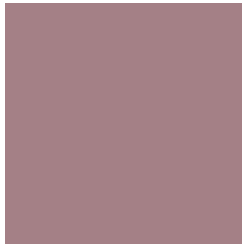
6.1186, 0.6119, 0.3145



0.1337, 0.5322, 0.2705

Previews

White Background



This preview shows how the Yxy color 25.0521, 0.3489, 0.3198 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.0521, 0.3489, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

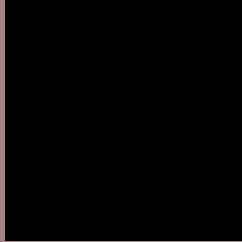
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0521, 0.3489, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 25.0521, 0.3489, 0.3198.



This preview shows how white text looks on a background with the Yxy color 25.0521, 0.3489, 0.3198.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.0521, 0.3489, 0.3198

Protanopia

25.2444, 0.3129, 0.3257

Deuteranopia

25.1439, 0.3346, 0.3291



Tritanopia

24.8774, 0.3456, 0.3137

Trichromacy



Original Color

25.0521, 0.3489, 0.3198

Protanomaly

25.1522, 0.3254, 0.3241

Deuteranomaly

24.9940, 0.3398, 0.3259

Tritanomaly

24.8488, 0.3468, 0.3152

Monochromacy



Original Color

25.0521, 0.3489, 0.3198

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4300, 0.3253, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0521, 0.3489, 0.3198 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(164, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(164, 128, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(164, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 128, 134) }
```

Border

The CSS property to change the border of an element to Yxy 25.0521, 0.3489, 0.3198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 128, 134) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(164, 128, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(164, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(164, 128,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0521, 0.3489, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 128, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(164,  
128, 134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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